



Product Evaluation

WIN2228 | 0617

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2228

Effective Date: June 1, 2017

Re-evaluation Date: July 2021

Product Name: Pinnacle Aluminum Clad Wood Operating Casement Windows, Fin Installation, Non-Impact Resistant

Manufacturer: Windsor Windows & Doors
900 S. 19th Street
West Des Moines, IA 50265
515-223-6660

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Pinnacle Clad Wood Casement Window	R-PG30 36x72-C	+/- 30 psf
2	Pinnacle Clad Wood Casement Window	R-PG40 28x78-C	+/- 40 psf
3	Pinnacle Clad Wood Casement Window	R-PG40 30x72-C	+/- 40 psf
4	Pinnacle Clad Wood Casement Window	LC-PG50 36x72-C	+/- 50 psf
5	Pinnacle Clad Wood Casement Window	R-PG50 28x84-C	+/- 50 psf
6	Pinnacle Clad Wood Casement Window	LC-PG40 42x60-C	+/- 40 psf
7	Pinnacle Clad Wood Casement Window	R-PG65 30x72-C	+/- 65 psf

Product Dimensions:

System	Overall Size	Operable Sash Size
1	36" x 72"	34.11" x 70.13"
2	28" x 78"	26.12" x 76.12"
3	30" x 72"	28.13" x 70.13"
4	36" x 72"	34.11" x 70.13"
5	28" x 84"	26.12" x 82.14"
6	42" x 60"	40.13" x 58.14"
7	30" x 72"	28.13" x 70.13"

Product Identification (Certification Label on Window):

System		
1-7	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Windsor Windows and Doors
	Product Name	Pinnacle Series – Clad Wood Frame Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1-7	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1-7	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	2" Smooth Shank Roofing Nails (minimum 11-gauge) or No. 8 screws
	Fastener Location/Spacing	Locate the fasteners approximately 4" from each corner and 8" on center along the perimeter of the window
	Fastener Penetration	1-1/2" Minimum Embedment

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.